**Lesson Title: Unit Test**

**Unit: Advanced Animal Science**

TEKS: 130. 7. (c) (9)

OBJECTIVES

The student shall be able to:

1. Define a ruminant and a monogastric (non-ruminant).
2. Define the functions of ruminant animals.
3. Evaluate animals that are monogastric.
4. Analyze ruminant digestive system.
5. Describe six types of nutrients and their purpose.
6. Analyze Warm Season Perennials/Annuals.
7. Examine Cool Season Perennials/Annuals.
8. Analyze Warm Season Legumes.
9. Examine Cool Season Legumes.
10. Describe protein requirements for Ruminants.
11. Explain formulating feed rations
12. Demonstrate formulating a basic feed ration.

TEACHING MATERIALS, TOOLS, AND EQUIPMENT

PPT: Title of the PowerPoint

HO: Lesson plan template (1 ea.)

WS: Developing Teaching Objectives (1 ea.)

If there are many items to list, you may consider making two columns in this area.

TEACHING PROCEDURE

|  |  |
| --- | --- |
| Interest Approach/Anticipatory Set | Teacher Notes |
| Use this area as an introduction of what will be done to get the students ready to learn.  Consider some of the the following:  1. Link - to what the students already know (previous lessons, SAEs, personal experiences, etc.)  2. Motivation - stimulate student interest (value of lesson, arouse curiosity, occupational opportunities, etc.)  Example: As we discussed yesterday, we are going to be learning how to write effective lesson plans.   * What are the 5 Characteristics of Effective Teaching?   (clarity, variability, enthusiasm, task-like behavior, opportunity for student to “do”)   * What are Tyler’s 4 Questions?   (What is the purpose? What experiences are necessary? How will I organize it? What evidence is there?)  TRANSITION – Today, we’re going to try to think about these things in the context of designing lesson plans. | Ask questions to students |

|  |  |
| --- | --- |
| Teaching Plan and Strategy / Presentation of New Material | Teacher Notes |
| Detailed outline of subject matter (information, facts, questions, expected answers, etc.) needed for reference by the teacher.  Objective 1: Remember to stay in the same order as your objectives as the material begins to unfold. | Techniques and media used to teach with (PPT, problem solving, demo, worksheet, video, Web sites, etc.) |

ENGAGEMENT

This is where student should be applying information provided in the lesson into a real or simulated learning experience.

EVALUATION

Bring the lesson to a close and review important concepts. This is also the time to measure the accomplishment of objectives by means of homework, quiz, oral Q&A, test, etc.

ADDITIONAL MATERIALS

List out any references needed and/or extended learning opportunities for students.

College & Career Readiness Standards: II.C.1; II.E.7 (Write in the number/letters already crosswalked for your unit)

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